

Richmond Refinery LPS Positive – Risk Recognition - Proper Grounding Tools



Location: D&R

Contact Information:

Silvano Preciado, OA
242-2352

sipr@chevron.com

LOSS PREVENTION SELF-ASSESSMENT

BEFORE BEGINNING ANY ACTIVITY/TASK/JOB, AFTER A LOSS OR NEAR LOSS, ANY UNUSUAL CIRCUMSTANCES:



ASSESS the risk!
What could go wrong?
What is the worst thing that could happen if something does go wrong?

ANALYZE how to reduce the risk!
Do I have all the necessary Training and Knowledge to do this job properly?
Do I have all the proper Tools and Personal Protective Equipment?

ACT to ensure loss-free operations!
Take necessary Action to ensure the job is done properly!
Follow written procedures! Ask for assistance, if needed!

DO NOT PROCEED UNLESS ALL RISKS HAVE BEEN ADDRESSED!
For Everyone • Every Day • All the Time

Tenets of Operations DISPLAYED

3. Always ensure safety devices are in place and functioning

10. Always involve the right people in decisions that affect procedure and equipment

What's your reason?

**I work safely for
me and my family**

Richmond Refinery

Situation:

D&R operators found that certified clamps were not being used to prevent static electricity build up during a chemical offloading job. Chevron personnel worked with the contractors involved to find the correct clamps, however, none were available. The task was stopped/paused and local management was informed of the situation. Once the right tool for the task was found the job continued. After the job was complete, work orders were written to replace all unapproved clamps within the unit. In addition, Procurement was involved to help develop a process so that our contractors will be, and are, using approved clamps in the refinery.

What worked well

- There was prompt, meaningful and effective hazard identification, risk recognition and actions taken to mitigate risks.

Recommendations:

- Always maintain a sense of vulnerability – our work environment is complex and always changing. Accordingly, we need to use the proper tools and processes in order to operate safely and reliably.

Use Certified Clamps Only

Not Approved

Alligator clamps, automotive "jump-start" cable clamps and welding earth clamps.



Approved

FM- and ATEX-certified clamps with strong spring compression able to "bite" through rust, paint and deposits.



A laminated poster of certified clamps is now displayed in the work area.

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